

# Isolan BIO PHT

## Technical Data Sheet

### Isolan BIO PHT

#### Material Definition

**Chemical basis:** Aqueous dispersion of fully-reacted polyether-based polyurethane

**Ionicity:** Anionic

**Viscosity (25 °C):** Approx. 200 Cps

**pH value:** 8.5

**Solid Content:** 38.0%

#### Applications

Isolan BIO PHT is an aqueous dispersion of a fully-reacted polyether-based polyurethane. It results in the formation of bright and robust films. Typical film characteristics include: 100% modulus at 13 MPa, tensile strength of 33 MPa, elongation at 325%, Persoz hardness at 140°C, König hardness at 80°, with an average particle size of 50nm.

#### Handling, Storage and Packaging

12 months from delivery in closed containers.

The product is stable for at least one year when stored in sealed original packing at temperatures between 5°C and 30°C without exposure to sunlight. Sensitive to frost. Stir up before using.

# Regulatory Information

**EU REACH registered:** Not applicable

## Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

## Disclaimer / Conditions



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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:

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